

least one computer controlling telephone service to control telephone service in accordance with the service logic program.

14. (Original) The method of claim 13 wherein the at least one computer controlling telephone service is a telephone company computer.

15. (Original) The method of claim 13 wherein the at least one computer controlling telephone service is users' local computers.

16-32 (Canceled)

33. (Currently Amended) A computer system comprising: memory, accessible over the Internet, storing a telephone service logic program comprising specification for at least one of voice mail and call forwarding on a personal page accessible over the Internet; and means for electronically providing information encoded in the service logic programs to at least one computer controlling telephone service so as to enable the at least one computer controlling telephone service to control telephone service in accordance with the service logic program.

34. (Original) The system of claim 33 wherein the at least one computer controlling telephone service is a telephone company computer.

35. (Original) The method of claim 33 wherein the at least one computer controlling telephone service is users' local computers.

36 (Canceled)

37. (New) The method of claim 13 wherein the telephone service logic program further comprising specification for call waiting.

38. (New) The method of claim 13 wherein the telephone service logic program further comprising specification for blocking incoming calls.

39. (New) The method of claim 38 wherein the incoming calls are blocked based on caller ID.

40. (New) The method of claim 33 wherein the telephone service logic program further comprising specification for call waiting.

41. (New) The method of claim 33 wherein the telephone service logic program further comprising specification for blocking incoming calls.

42. (New) The method of claim 41 wherein the incoming calls are blocked based on caller ID.

43. (New). A computer readable medium storing instructions, enabling a computer to perform the steps comprising: using an Internet browser, enabling an end user to specify telephone service logic program comprising specification for at least one of voice mail and call forwarding; and electronically providing information encoded in the service logic programs to at least one computer controlling telephone service so as to enable the at least one computer controlling telephone service to control telephone service in accordance with the service logic program.